GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:3438
ANSWERED ON:26.04.2007
MODERN TECHNOLOGY FOR OIL AND GAS EXPLORATION
Patel Shri Jivabhai Ambalal;Thummar Shri Virjibhai

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether oil and natural gas is not being explored by making use of modern and upgraded technology;

(b) if so, the reaction of the Government thereto; f

(c) the names of technologies used in the exploration of oi! and natural gas during the last two years;

(d) the benefits accrued from these technologies;

(e) whether the oil public sector undertakings have entered into trade agreement with foreign companies to import of State of Art technology for exploration and production of oil and gas.

(f) if so, the details thereof company-wise; and

(g) the criteria fixed for distribution of profits under the said agreement?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI DINSHA PATEL):

(a) and (bj No, Sir. Private and multinational companies including National Oil Companies (NOCs) are using latest state-of-the-art technology for exploration and production (E and P) of oil and gas. Use of these technologies has resulted in some big discoveries in recent years.

(c) Exploration of oil and natural gas is being carried out in India with modern technology such as 3D/3C seismic survey. Q marine survey, multilateral Horizontal well, intelligent well completion, high technology drilling

(d) These technologies benefits in term of better reservoir modeling, better performance in drilling operation and increased production from horizontal and multilateral welis, reduction in the cost of exploration.

(e) to (g) Oil Public Sector Undertakings (PSUs) have not entered into trade agreement with foreign companies c: for state-of-the-art technologies. However, the technologies identified are being inducted through work association/ contractual services or through outright purchase, a latest high-end technology products in E and P business belong to a very specialized domain and are mostly proprietary items of various service providers.